

USAMMDA INFORMATION PAPER

PRODUCT: PORTABLE DIGITAL X-RAY

DESCRIPTION: The Portable Digital X-Ray (PDX) is a lightweight CT radiographic system. It will not require water, chemicals, or film to provide diagnostic quality radiographic images. It will be capable of producing CT scans of head and neck injuries, which improve diagnostic capabilities in the field.

PROGRAM RELEVANCE to the ARMY: This product supports both the core mission of the Army and the Army Campaign Plan. Of the Army's core competencies, this product supports "Prompt Response," "Sustained Land Dominance," and "Support Civil Authorities." In any military conflict or civilian disaster, it is an unfortunate fact that there will be casualties requiring radiographic and/or CT support. The PDX is able to provide a critically needed treatment capability to U.S. and allied Forces. In this capacity, the PDX is intended to save soldiers' lives and greatly reduce the battlefield footprint and power requirements and supports Future Operational Capabilities: MD-02-001 Clearing the Battlefield, MD-02-002 Hospitalization, MD-02-003 Medical Force Protection, and MD-02-004 Combat Health Logistics.

ISSUES/ACTIONS:

- This developmental effort received \$1M in FY04 Congressional funding. These funds will be used to produce the system design and initiate prototype development. A proposal for the FY04 funding is pending.
- A design review will be held early in 4QFY04.

ADDITIONAL INFORMATION:

BPL # 450

DA PROJECT/TASK: Trauma Management – 63002/954

MAMP RANK: Not Ranked

ARMY ORD: Not required. This product was established by Congressional language.

SCHEDULE:

Contract Award	3QFY04
Product Review	4QFY04
Prototype Delivery	3QFY05
FDA Submission	4QFY05

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